

Figure 1  
Input Waveguide

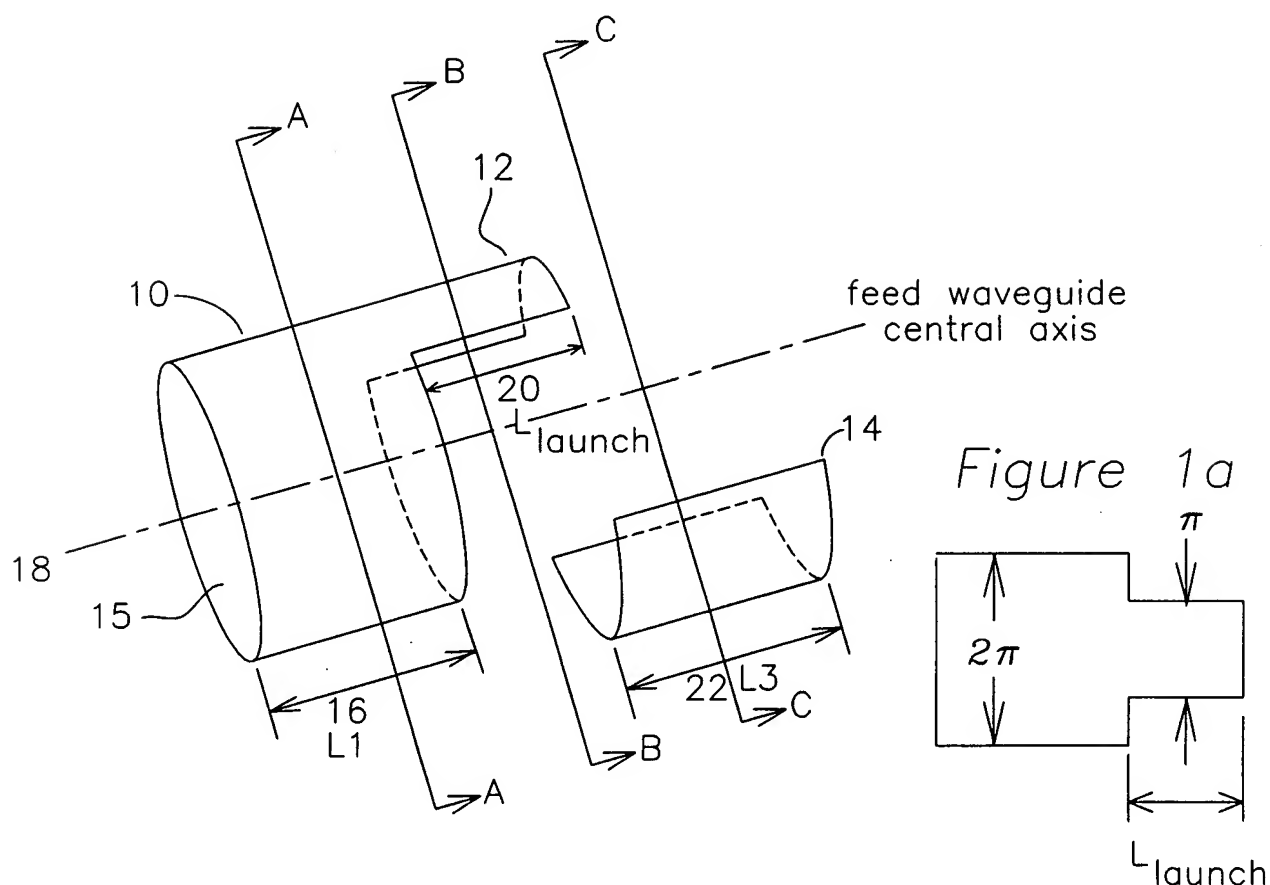


Figure 1a

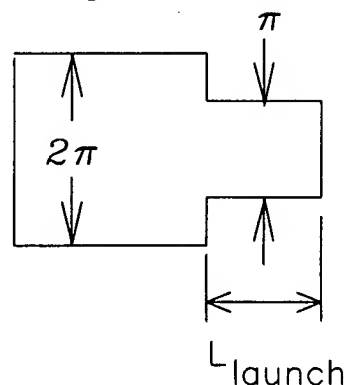


Figure 2  
Section views

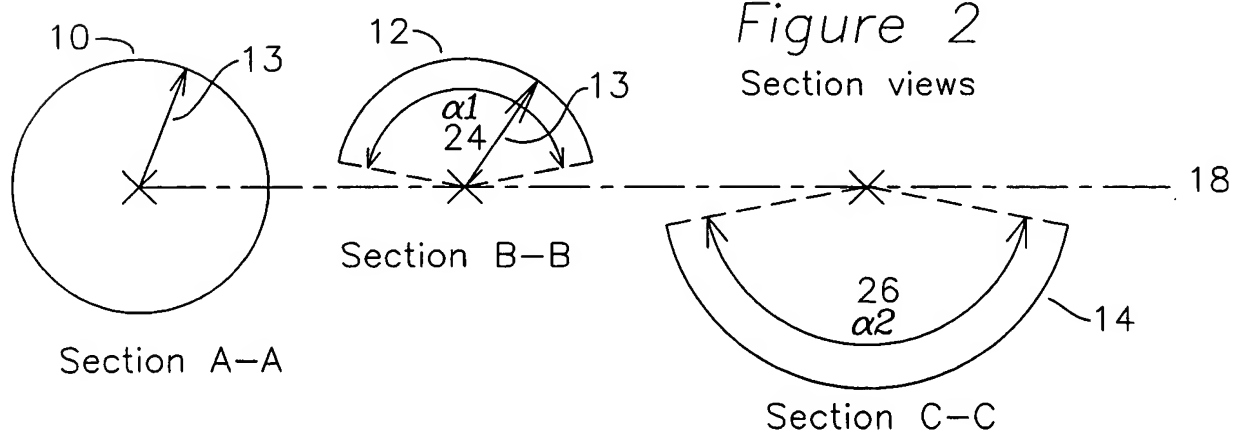


Figure 3

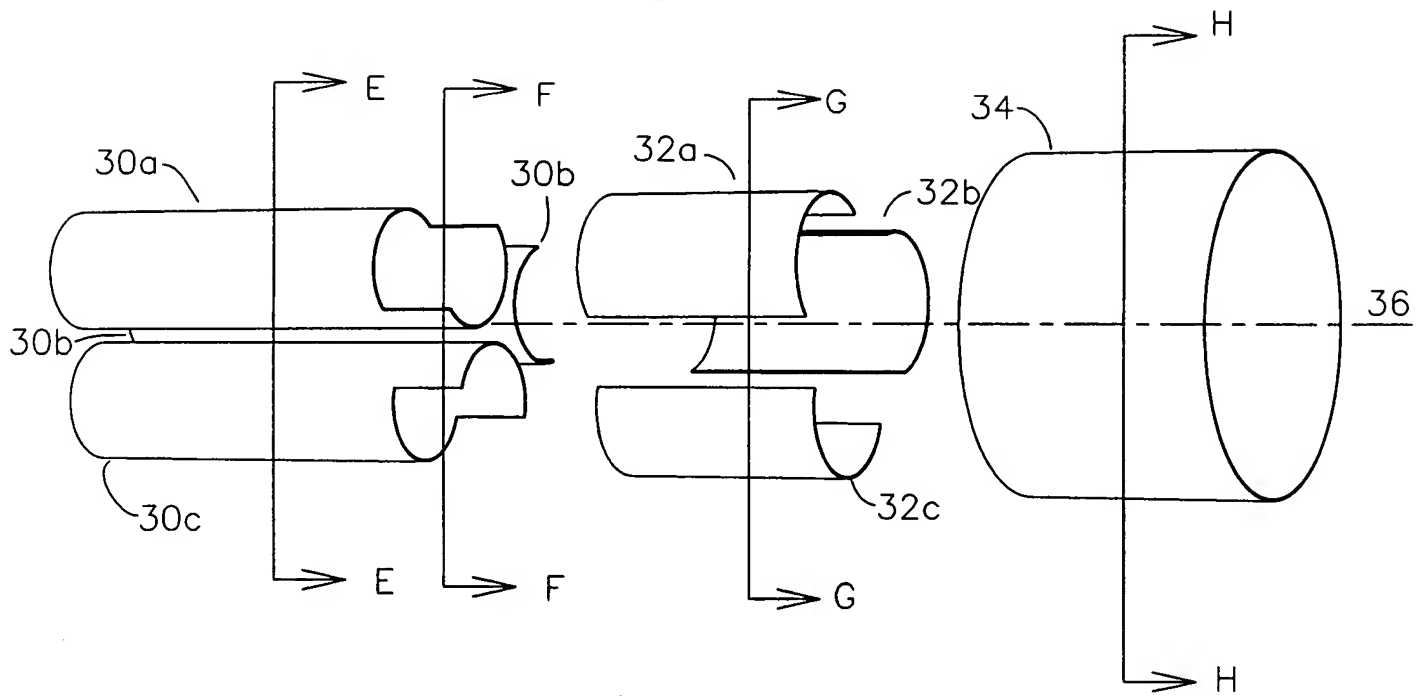
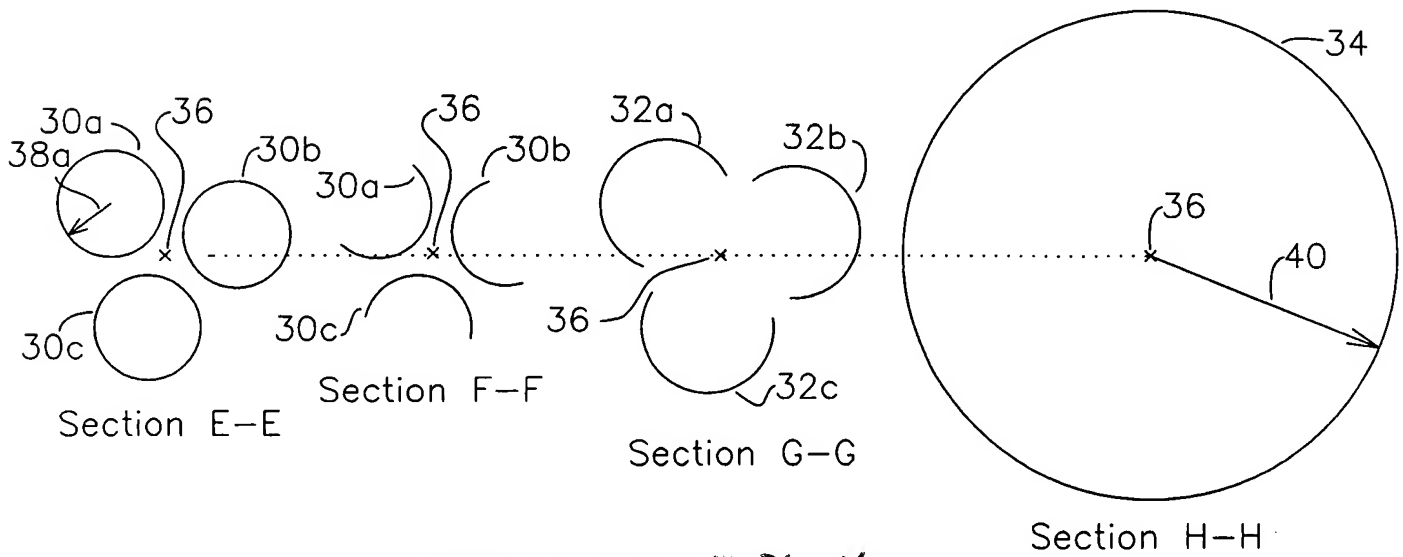
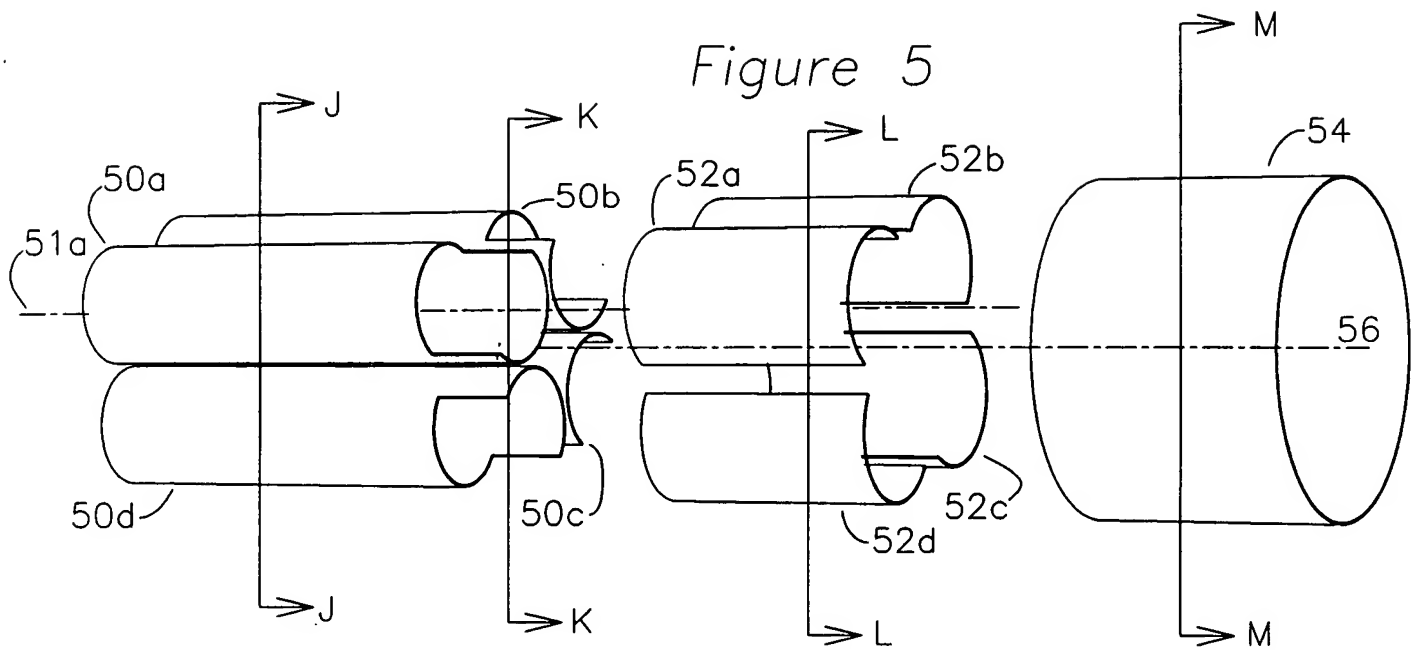


Figure 4



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*Figure 6*

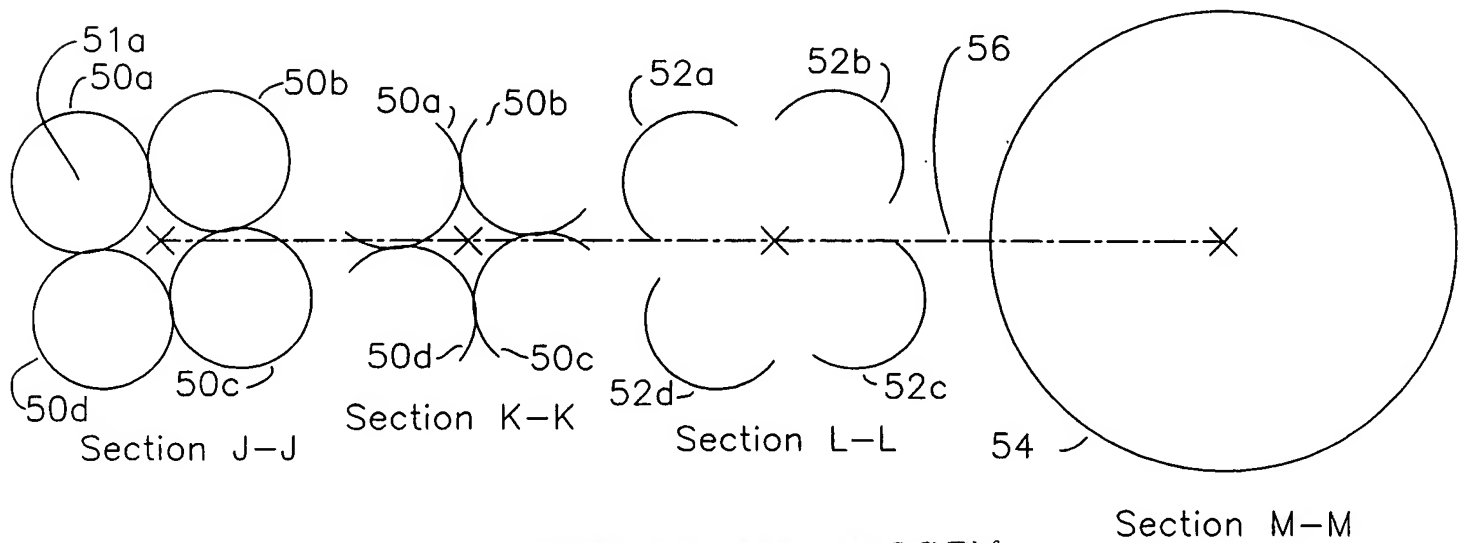
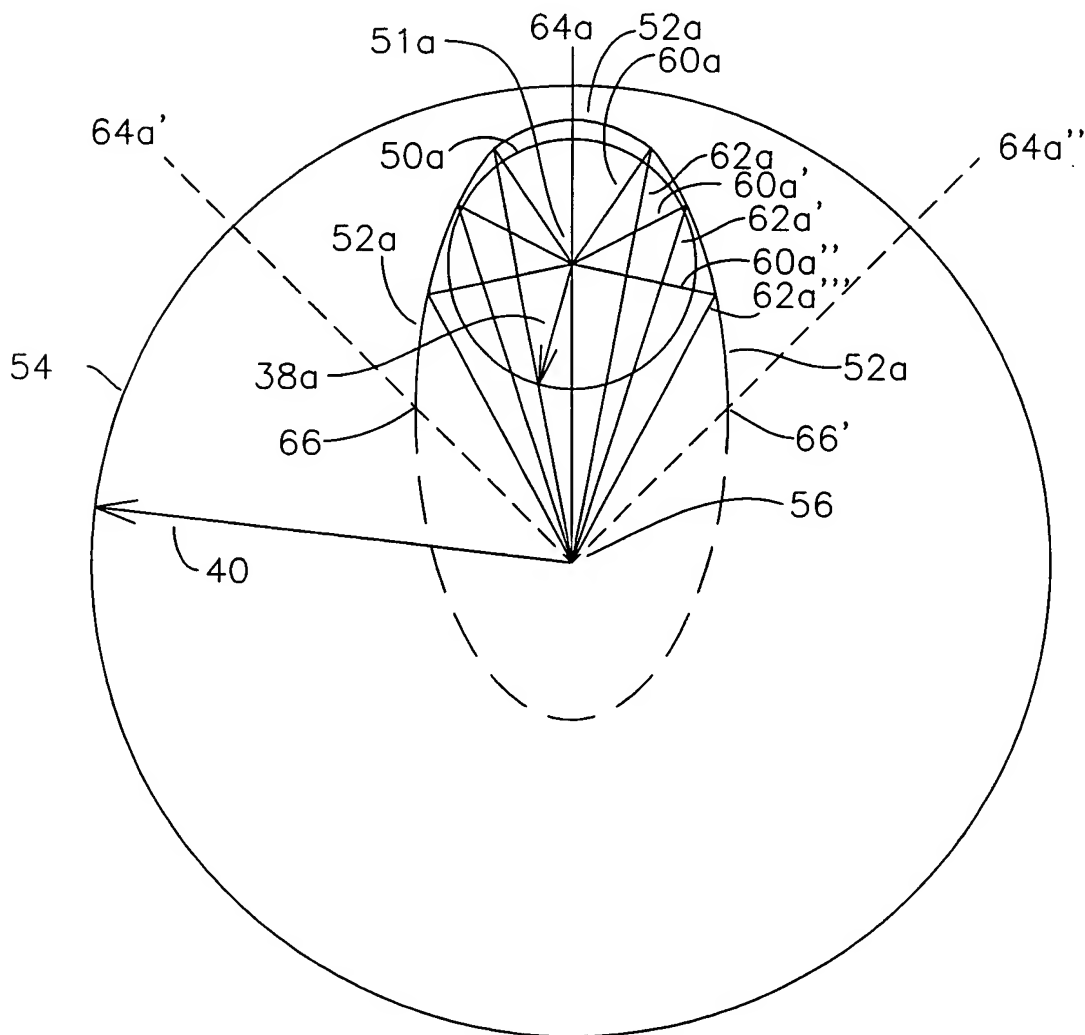


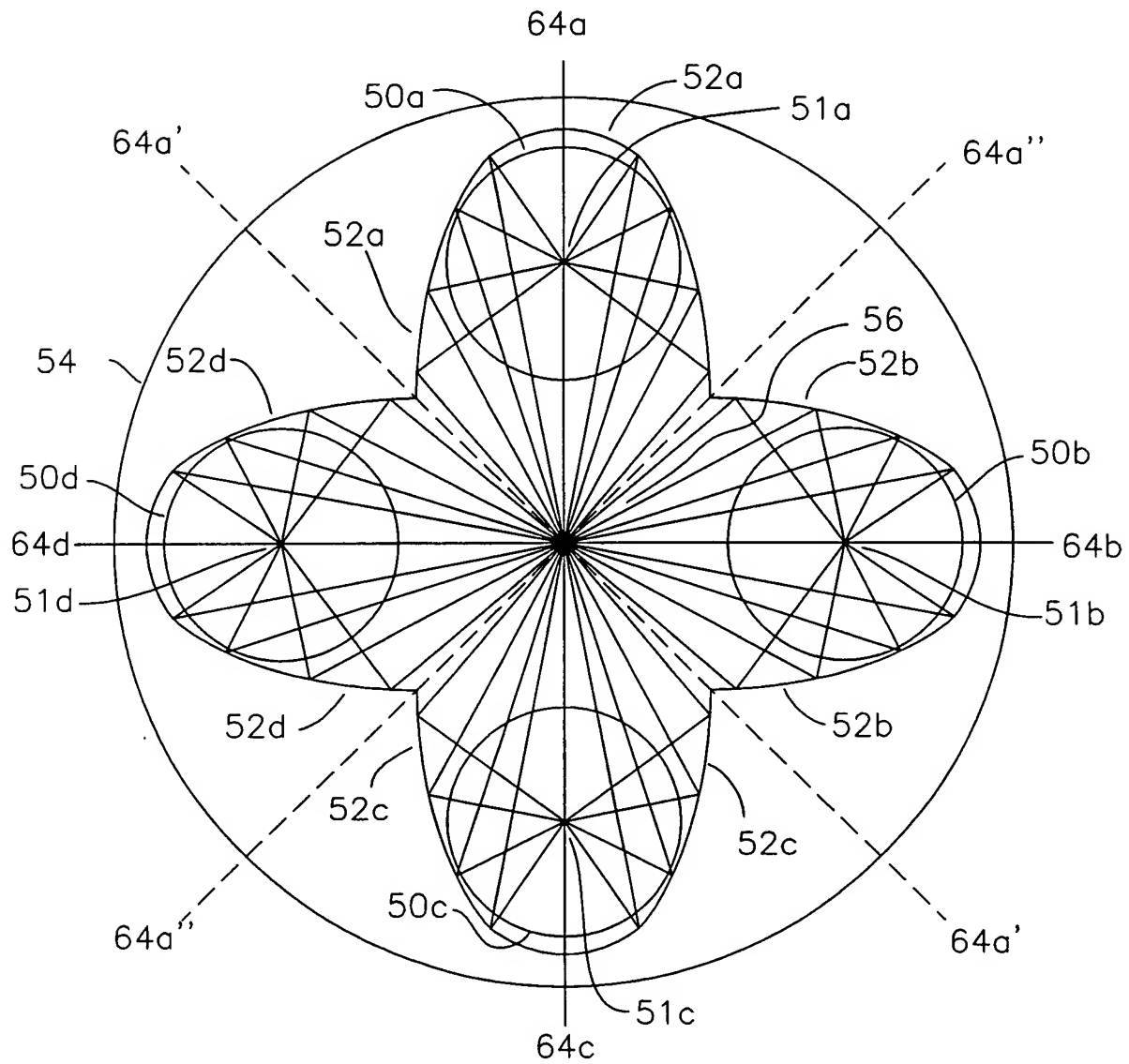
Figure 7

Geometric Optics, collapsed section view  
reflector geometry, single feed guide, single reflector, final guide

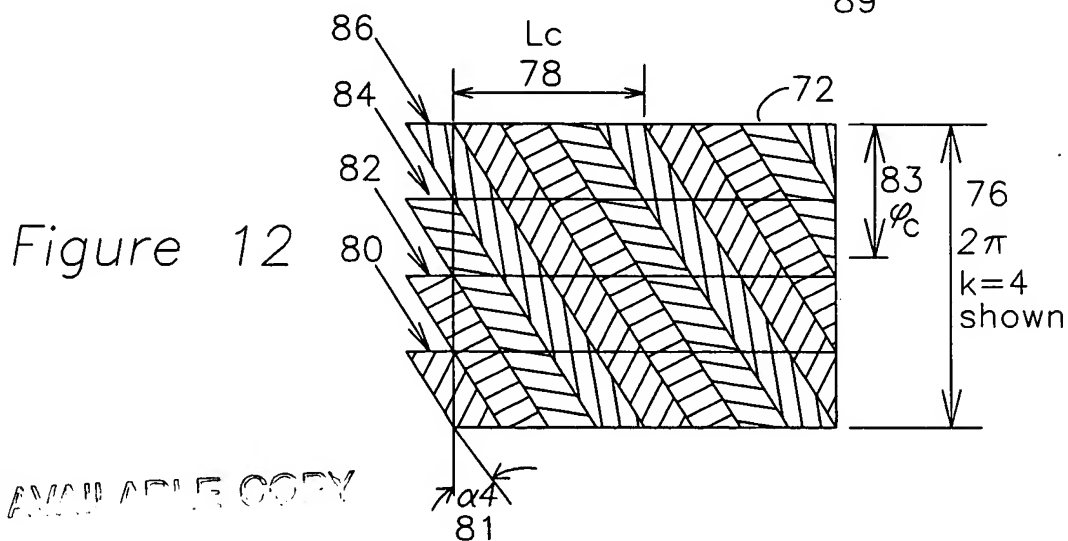
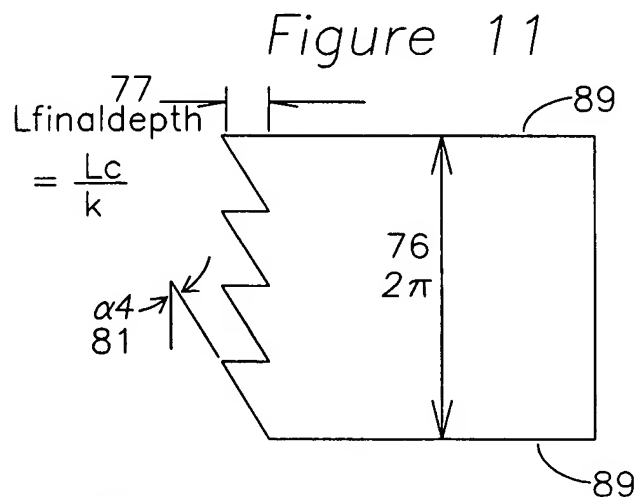
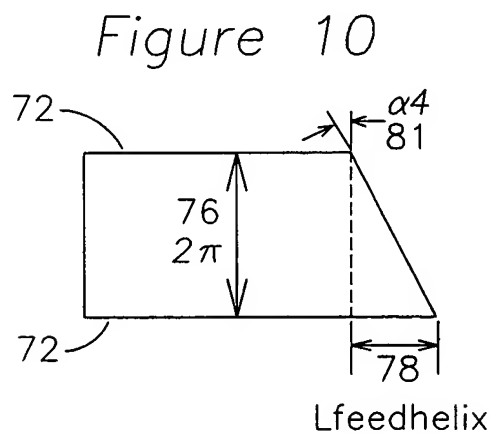
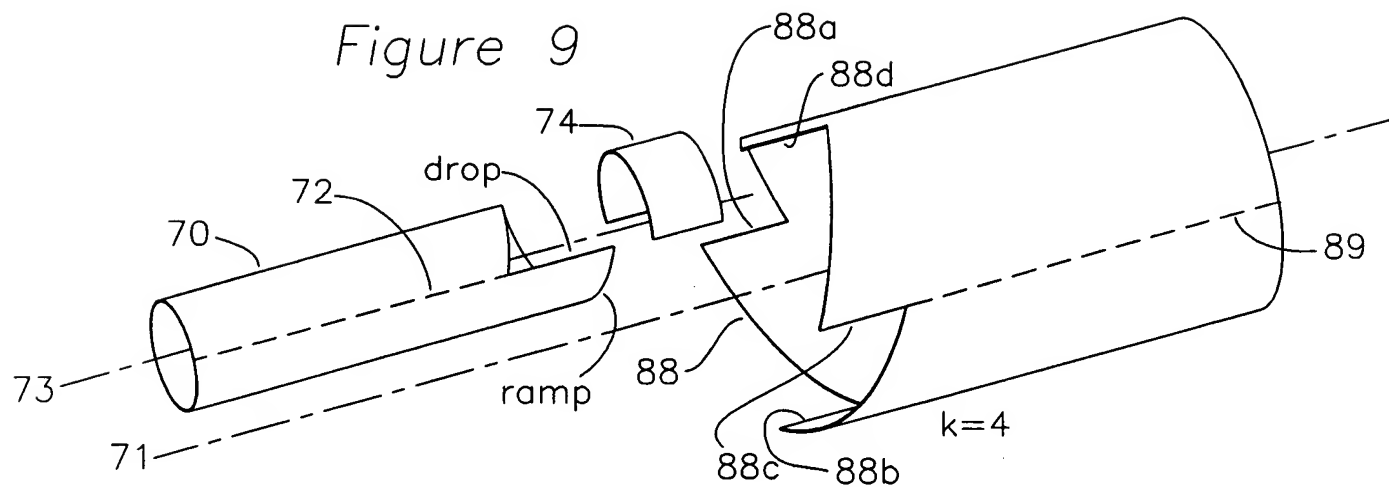


*Figure 8*

Geometric Optics, collapsed section view  
4 feed guides, 4 reflectors, and final guide



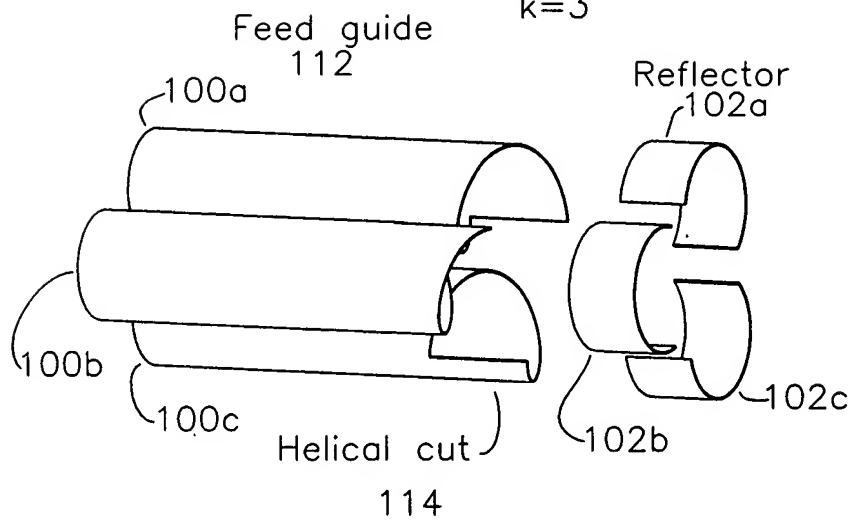
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Figure 13a

$k=3$



Final Guide  
116

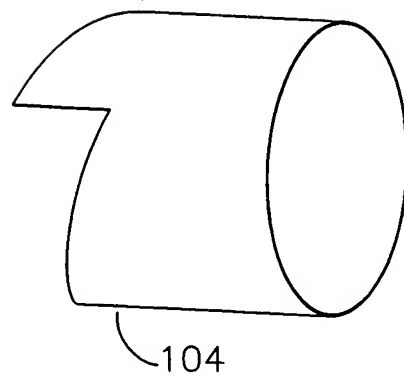
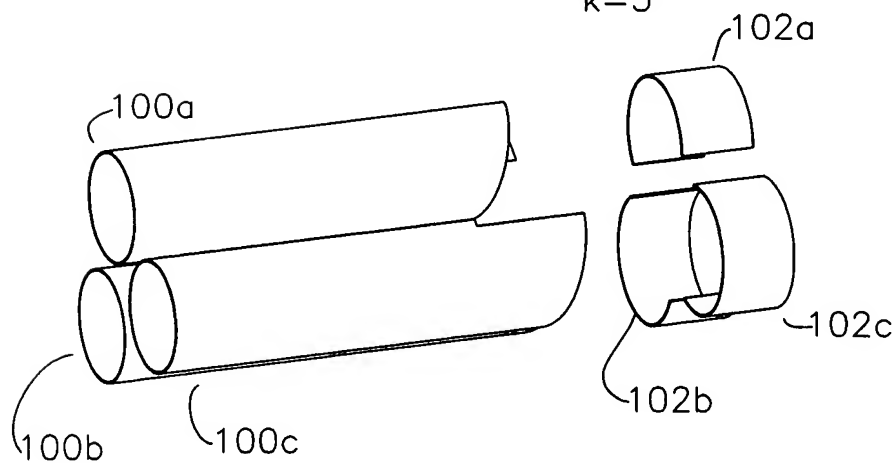
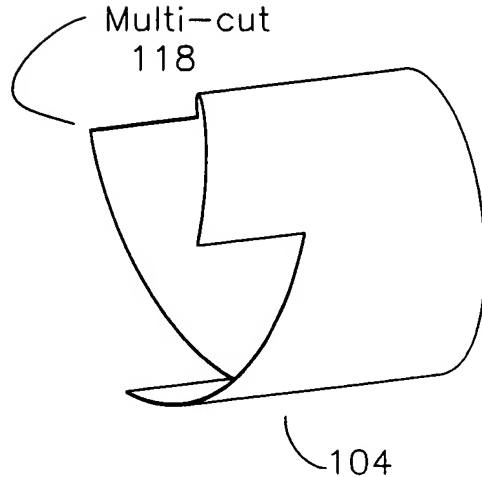


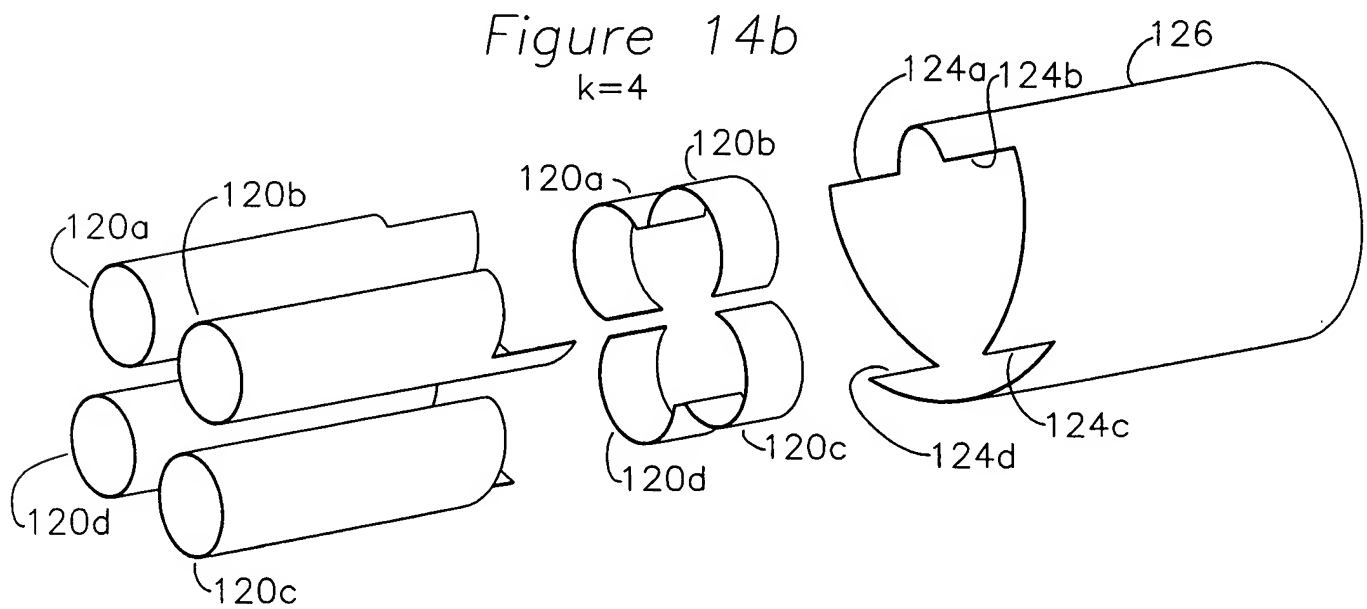
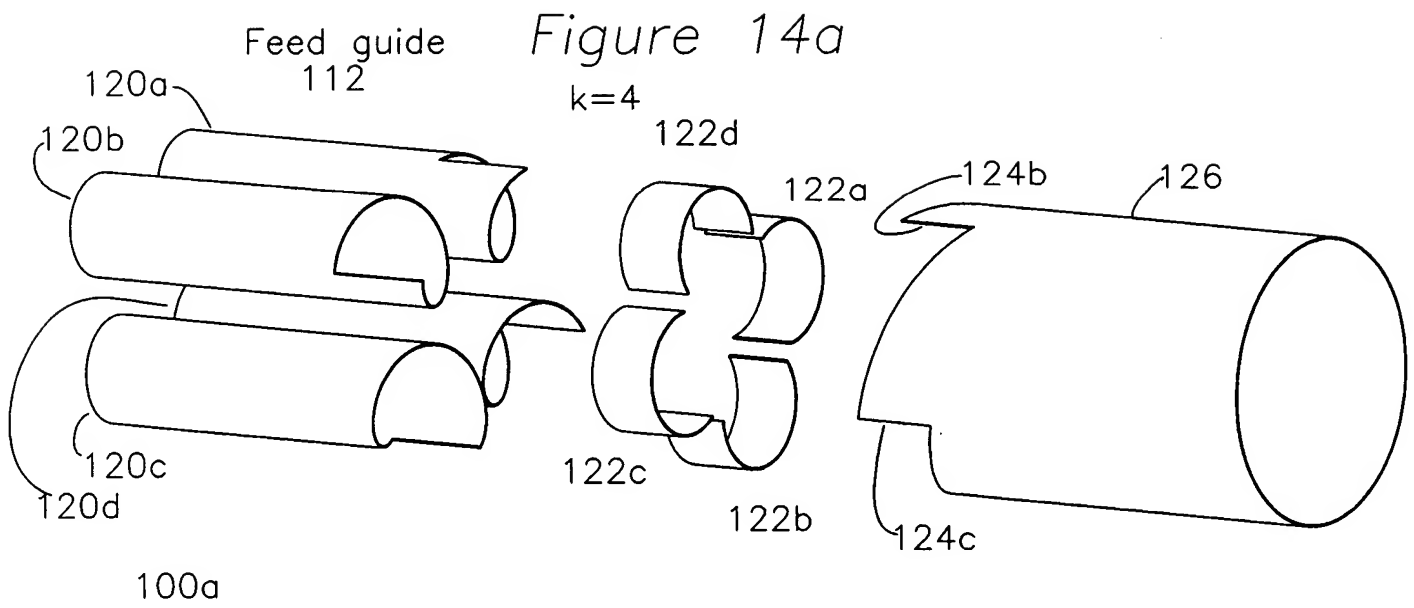
Figure 13b

$k=3$



Multi-cut  
118





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Figure 15

Wave propagation in a waveguide using geometrical optics (projection view)

Prior Art

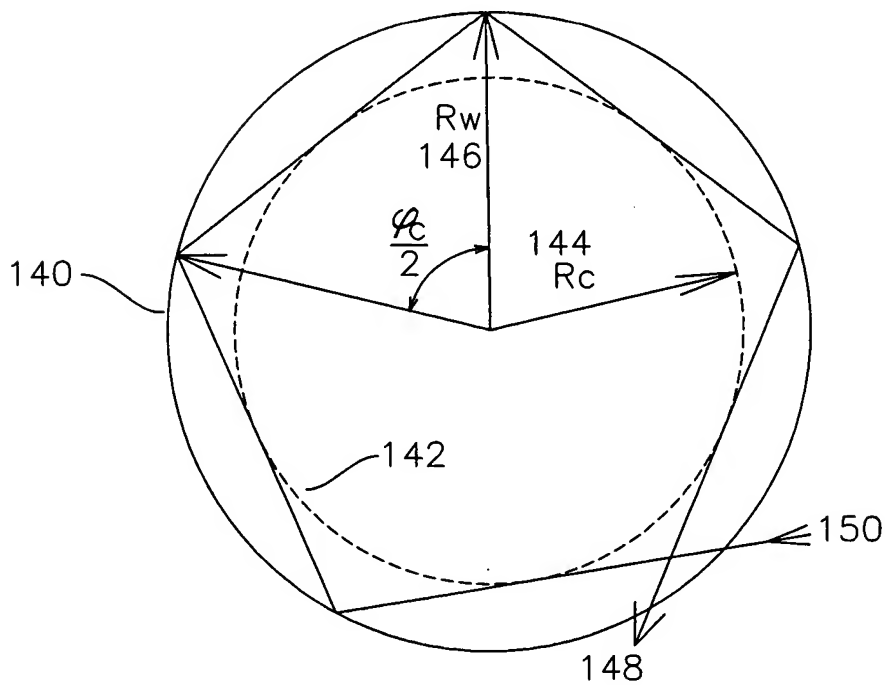
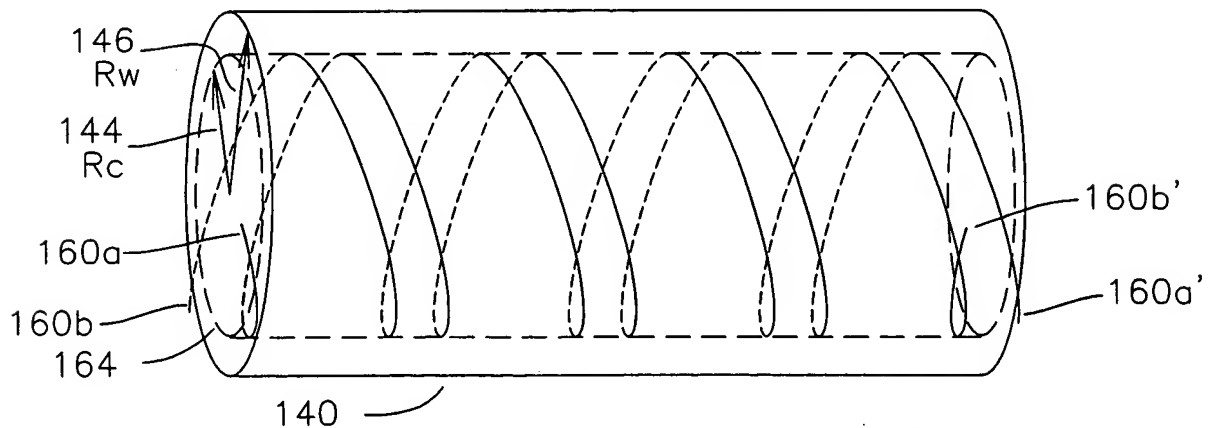


Figure 16

Wave propagation in a waveguide with g.o. ray summing

Prior Art



### Reflector Detail

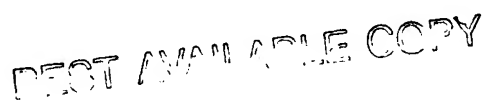


Figure 18

Geometric Optics, collapsed section view

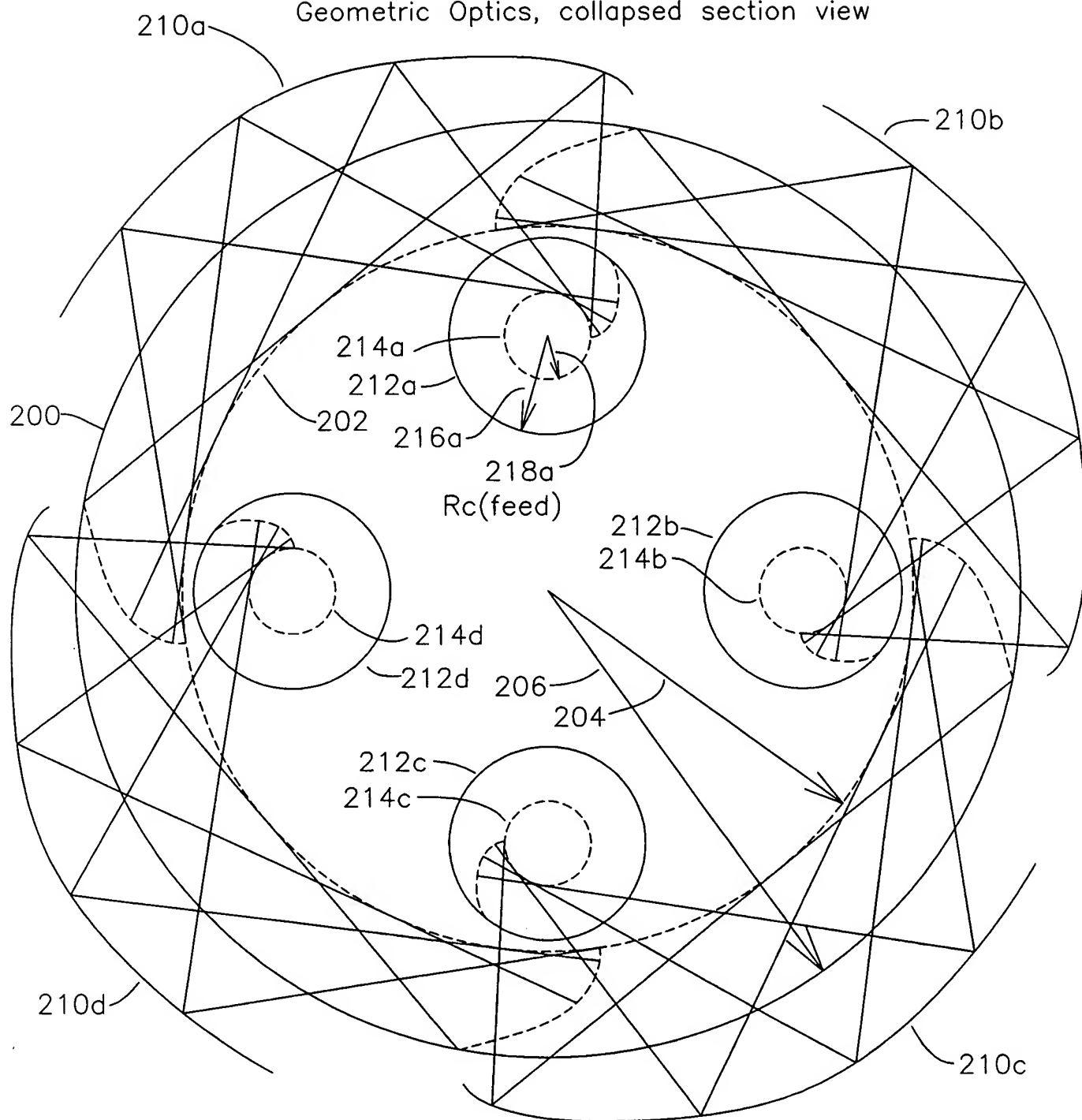


Figure 19

Power summing in final waveguide

